In the Claims

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1-10. (Canceled)

11.   (Currently Amended) A method for detecting a signal from a source, using a receiver, the method comprising acts of:

determining a first method for detecting the signal;

determining at least one rule that defines how the receiver operates to detect signals from the source when the receiver is configured according to the first method for detecting the signal, wherein the at least one rule indicates that at least one other rule should be evaluated with the at least one rule; and

selecting one of the at least one rule and the at least one other rule having the most difficult solution to detect the signal The method according to claim 7, wherein the act of selecting one of the at least one rule and the at least one other rule having the most difficult solution to detect the signal includes an act of determining a corresponding revisit time associated with each of the first method and second method for detecting the signal, and selecting the method having a lesser value of revisit time.

12.   (Currently Amended) A method for detecting a signal from a source, using a receiver, the method comprising acts of:

determining a first method for detecting the signal;

determining at least one rule that defines how the receiver operates to detect signals from the source when the receiver is configured according to the first method for detecting the signal, wherein the at least one rule indicates that at least one other rule should be evaluated with the at least one rule; and

selecting one of the at least one rule and the at least one other rule having the least difficult solution to detect the signal ~~The method according to claim 8~~, wherein the act of selecting one of the at least one rule and the at least one other rule having the least difficult solution to detect the signal includes an act of determining a corresponding revisit time associated with each of the first method and second method for detecting the signal, and selecting the method having a lesser value of revisit time.

13-22. (Canceled).

23.   (Currently Amended) A computer-readable medium having instructions stored thereon that, as a result of being executed by a computer, instruct the computer to perform a method for detecting a signal from a source, using a receiver, the method comprising acts of:

determining a first method for detecting the signal;

determining at least one rule that defines how the receiver operates to detect signals from the source when the receiver is configured according to the first method for detecting the signal, wherein the at least one rule indicates that at least one other rule should be evaluated with the at least one rule; and

selecting one of the at least one rule and the at least one other rule having the most difficult solution to detect the signal ~~The computer-readable medium according to claim 19~~, wherein the act of selecting one of the at least one rule and the at least one other rule having the most difficult solution to detect the signal includes an act of determining a corresponding revisit time associated with each of the first method and second method for detecting the signal, and selecting a method having a lesser value of revisit time.

24.   (Currently Amended) A computer-readable medium having instructions stored thereon that, as a result of being executed by a computer, instruct the computer to perform a method for detecting a signal from a source, using a receiver, the method comprising acts of:

determining a first method for detecting the signal;

determining at least one rule that defines how the receiver operates to detect signals from the source when the receiver is configured according to the first method for detecting the signal, wherein the at least one rule indicates that at least one other rule should be evaluated with the at least one rule; and

selecting one of the at least one rule and the at least one other rule having the least difficult solution to detect the signal ~~The computer-readable medium according to claim 20~~, wherein the act of selecting one of the at least one rule and the at least one other rule having the least difficult solution to detect the signal includes an act of determining a corresponding revisit time associated with each of the first method and second method for detecting the signal, and selecting a method having a lesser value of revisit time.